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Using SSS to Prove Triangle Congruence

Use SSS to explain why $\triangle PQR \cong \triangle PSR$.

It is given that $\overline{PQ} \cong \overline{PS}$ and that $\overline{QR} \cong \overline{SR}$. By the Reflexive Property of Congruence, $\overline{PR} \cong \overline{PR}$. Therefore $\triangle PQR \cong \triangle PSR$ by SSS.

